

**Bucklick Refuse
AML Enhancement Rule Project
Pike County**

Project Description

The proposed project (4.1 acres total) consists of excavating an old coal refuse pile and processing the material to salvage the usable coal. The project area is centrally located within the Jenkins West Quadrangle at 37° 14' 42" latitude and 82° 40' 54" longitude in Pike County (see the attached map). The entire project work area has been previously disturbed by any or all of the following: coal mining operations, including mine drainage, timber operations, gas/oil well development, residential development, road construction, and/or high velocity water flows associated with heavy rain events and flooding. These disturbances consist of significant upheaval, mixing, and removal of earthen material from deep excavation, grading, sub-surface drilling, fill material placement, and erosion. There should be no undisturbed earthen material to a depth of several feet at the areas proposed for project-related construction activities.

Consolidation Coal placed the coal refuse at the project area during nearby deep mining in the 1940s and 1950s. The coal refuse is a potential fire hazard and is a source for stream pollution and air pollution. All access roads are preexisting and the primary roads leading to the area are currently under permit # 898-0378. A 35 feet wide buffer or no disturbance zone will be kept around the existing cemetery west of the project area. The coal refuse material will be trucked to an existing preparation plant under permit # 898-8076, and all reject material will be placed in an existing refuse disposal area under permit # 898-9072. Water trucks will control dust, and two temporary sump pits will control drainage at the project area. The existing drainage channel for this watershed is outside of the project area. The property owner previously cut down all of the trees within the project area. Any concrete debris found will be pulverized and buried on-site. Any metal debris or trash found will be taken to an off-site approved landfill. Refuse removal will take place between 6:00 AM and 6:00 PM Monday through Saturday, with advance notice for any emergency activities required at other times. Soil borrow material will be from on-site, or with an approved alternate soil material for grading and re-vegetation after all of the usable coal refuse has been removed.

Construction disturbances will be kept to a minimum through the use of a stringently formulated sediment and erosion control program, consisting of hay-bale silt checks and silt fences maintained throughout the life of the project, and prompt re-vegetation using agricultural limestone, fertilizer, seed, netting and mulch for the areas disturbed by the project. AML funding will be provided to plant trees. No disturbance of any stream reach is planned. No construction is proposed within a regulated floodplain. All necessary permits and/or variances will be procured prior to construction.